



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 18]
No. 18]

नई दिल्ली, शनिवार, मई 1, 1965 (वैसाख 11, 1887)
NEW DELHI, SATURDAY, MAY 1, 1965 (VAISAKHA 11, 1887)

इस भाग में चिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 1st May 1965

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

12th April 1965

98927. The Standard Batteries Limited. Improvements in or relating to trolleys and the like.
98928. Tara Chandra Gupta. Improved radio receiving aerial.
98929. P. C. L. Mistry. Improved universal water flow-connection.
98930. P. C. L. Mistry. Improved machine for making puris.
98931. P. C. L. Mistry. Improved machine for washing garments.
98932. P. C. L. Mistry. Device for generation electric energy by road traffic.
98933. J. R. Geigy A. G. Stabilisation of organic material with esters.
98934. Allied Chemical Corporation. Improvements in and relating to the production of organic pigments.
98935. May & Baker Limited. Process for the preparation of N-phenylpiperazine compounds and pharmaceutical compositions containing them. (14th April 1964).
98936. Inpower Works (Proprietary) Limited, Fluid torque transmitter.
98937. Societe Generale Isothermos. Transitional coupling gear for use between railway vehicles.
98938. Farbenfabriken Bayer Aktiengesellschaft. Dye-stuffs. (8th January 1965).
98939. Sogespar S. A. Preparation of soluble thiazolidine carboxylates.
98940. United States Rubber Company. Improvements in purification of synthetic latices.
98941. United States Rubber Company. Improvements in carboxylated latex containing hydroxylamine hydrochloride and fabric coated therewith.

98942. Universal Oil Products Company. Method of producing synthetic zeolites.
98943. Aktiebolaget Kamyr. Continuous cellulose digester with charging device.
98944. Ahmedabad Textile Industry's Research Association. An Improvement relating to machine for doffing of the web from the doffer in carding machines.
98945. Siemens-Schuckertwerke Aktiengesellschaft. Apparatus for use in switchgear.
98946. Siemens-Schuckertwerke Aktiengesellschaft. A driving device for a disconnecting switch.
98947. Siemens-Schuckertwerke Aktiengesellschaft. Electric switching apparatus.
98948. Ethicon, Inc. Surgical package.
98949. Clevite Corporation. Boring machine for semi-cylindrical bearings. [Addition to No. 90354].
98950. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicidal mixtures.
98951. Trico-Folberth Limited. Improvements in or relating to windscreen wipers. (14th April 1964).
98952. Pilkington Brothers Limited. Improvements in or relating to the moulding of glass articles. (14th April 1964).
98953. E. H. Green. Indicia insert for spray canisters.
98954. S. Kitamura and B. R. Daver. A method of producing balloon control rings.
98955. Trutzschler & Co. Fibre mixing apparatus.
98956. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of polyamides of aliphatic or cycloaliphatic dicarboxylic acids in fine granular form.
98957. Continental Oil Company. Material handling.
98958. Oerlikon-Bührle Holding A. G. Improvements in or relating to method for continuing weaving of a fabric in the process of being manufactured at a wave weaving loom after interruption of the weaving operation and improved apparatus for a wave weaving loom for the performance of the aforesaid method.

98959. Ciba Limited. Process for the manufacture of 5, 10-secosteroids.
98960. B. Starzyk. Oil reconditioner.
98961. Amphenol-Borg Electronics Corporation. Co-axial connectors.
98962. Standard Telephones and Cables Limited. Radar system with improved area type moving target indicator.
98963. Cardwell Westinghouse Company. Two way automatic slack adjuster.
98964. Ciba Limited. Manufacture of isoquinoline compounds. [Divisional date 12th June 1964]
98965. Ciba Limited. Manufacture of isoquinoline compounds. [Divisional date 30th September 1964]
98966. Algemene Kunstzijde Unie N. V. Process and apparatus for the manufacture of artificial threads, and the threads thus manufactured.
98967. Ciba Limited. Manufacture of new peptides having an adrenocorticotrophic hormone action.
98968. Jaggy & Company. Improvements in or relating to time saving appliances for knitting and sewing.
98969. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of forming juxtaposed metal layers separated by a narrow gap on a substrate and objects manufactured by the use of such methods.
98970. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to electric discharge tubes of the kind comprising disc-shaped current supply members.
98971. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Thermally stable formaldehyde high polymers and process for preparing them.
98972. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to alloy steel welding wires.
98973. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to welding wires for electric arc welding of steel in a protective gas atmosphere.
98974. S. L. Jain. Tracing the defective stage of transistor radios.
98975. Steel Fabricators. Improvement in or relating to valves.
- 13th April 1965
98976. S. David. Digger and lifter.
98977. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to blank or practice cartridges.
98978. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to blank ammunition projectiles.
98979. F. B. Mercer Limited. Improvements in or relating to the manufacture of non-woven fabrics. (22nd April 1964).
98980. Westinghouse Electric Corporation. Encapsulated semiconductor.
98981. Westinghouse Electric Corporation. Dynamo-electric machine.
98982. Westinghouse Electric Corporation. Resistance soldering apparatus.
98983. Allied Chemical Corporation. Distributor plate for use in melt-spinning apparatus.
98984. Rhone-Poulenc S. A. Process for the preparation of quinoxaline derivatives and pharmaceutical compositions containing them.
98985. James R. Crompton and Brothers Limited. Improvements in or relating to a heat-sealable paper and a process of manufacturing same. (15th April 1964).
98986. Imperial Chemical Industries Limited. Production of alkyl halides. (17th April 1964).
98987. Shell Internationale Research Maatschappij N. V. Hydrocarbon fuel compositions resistant to deterioration caused by microorganisms.
98988. Shell Internationale Research Maatschappij N. V. Hydrocarbon fuel compositions resistant to deterioration caused by microorganisms.
98989. Aktiebolaget Bofors. Device for steering of track-laying vehicles.
98990. Hicks and Otis Prints, Incorporated. Improvements in or relating to embossed sheet materials.
98991. Midwest Research Institute. Seed germination and plant growth stimulators.
98992. Allied Chemical Corporation. Light stabilised nylon. [Addition to No. 84687].
98993. Shalimar Industries Private Ltd. Improvements in or relating to card staves used in jute industry and methods therefor.
98994. Western Engineering Co. Cycle frames lock.
98995. Jyoti Limited. Threshing machine. [Addition to No. 94919].
98996. B. K. Mohta. Plastic containers.
98997. Ciba Limited. New vat dyestuffs of the anthraquinone-imidazole series and process for their manufacture.
98998. Merck & Co., Inc. Pyridazine compounds and process.
98999. C. O. Hoover. Desulfurizing petroleum with alkali and di-alkyl sulfoxide.
99000. Balamundi Nederland N. V. Improvements in or relating to the manufacture of artificial leather.
99001. Oerlikon-Bührle Holding A. G. Device for controlling apparatus.
99002. Head, Wrightson & Company Limited. Improvements relating to the dry-cleaning of large or small coal or other particulate materials containing components of different specific gravities. (30th April 1964).
99003. Amsted Industries Incorporated. Elevating pouring tube.
99004. The Molins Organisation Limited. Improvements in cigarette-making machines of the continuous-rod type. (13th April 1964).
99005. Scherico Ltd. Process for cultivating microorganisms and products obtained thereby. (12th January 1965). [Addition to No. 90071].
99006. Ciba Limited. Manufacture of thioacid compounds.
99007. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to core wires for electric arc welding.
99008. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of fastening a moving coil, a diaphragm and a centering member of a loud speaker to each other.
99009. V. D. Bhosale. 'Airosteer' power assisted steering mechanism.
- 15th April 1965
99010. G. P. R. Pillai. A process for the manufacture of mono and diammonium or mono or di- and trialkali metal phosphates from wet-process phosphoric acid.
99011. Dr. Sukriti Ranjan Gupta. An improved silent plaster cutting device.
99012. The Molins Organisation Limited. Improvements in conveyors for packing machines. (16th April 1964).
99013. Pavena A. G. Improvements relating to the manufacture of a draftable staple fibre band or sliver. (12th August 1964).
99014. Dr. Carl Hahn KG. Method of and apparatus for shaping one end of rod-shaped or sleeve-shaped articles of hygiene consisting of shapeable material. (17th April 1964).

99015. The British Petroleum Company Limited. Detection of solid and suspended liquid particles in liquids. (30th April 1964). [Addition to No. 73569].
99016. Dow Corning Corporation. Blends of co-polymers.
99017. Ciba Limited. Process for the manufacture of vinylogous amidines.
99018. D. Weston. Magnetic separator (II).
99019. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Pyrimidine compounds and poultry feed containing the same. [Divisional date 9th July 1962].
99020. Universal Moulded Fiber Glass Corp. Production of fiber reinforced resin articles.
99021. Bialskie Zaklady Urzadzen Technicznych. Hanging of boom of hoisting installations especially of self-erecting tower cranes.
99022. Silentbloc Limited. Manufacture of bearing assemblies. (16th April 1964).
99023. J. R. Geigy A. G. Process for the production of heterocyclic aromatic pigments. (16th April 1964).
99024. Rhone Poulenc S. A. Herbicidal compositions containing pyridazine derivatives.
99025. O. B. Rasmussen. Method and apparatus for pleating a continuous film material. (16th April 1964).
99026. United States Steel Corporation. Stopper rod actuating device.
99027. Stermizarbon N. V. Lactams from cyclo-aliphatic ketoximes.
99028. British Insulated Callender's Cables Limited. Improvements in electric insulators. (21st April 1964).
99029. Indian Oxygen Limited. Process and apparatus for the removal of one or more constituents from a gas mixture.
99030. Borg-Warner Corporation. Friction device employing wear compensating means.
99031. The English Electric Company Limited. Steam condensers. (21st April 1964).
99032. Deere & Company. Cotton picker.

Alteration of Date

90532. The claim to priority date 31st October 1962 has been disallowed and the application dated as of 29th October 1963, the date of filing in India.
96853. Ante-dated to 3rd October 1963 under Section 5 of the Act.
97114. Ante-dated to 9th July 1963 under Section 5 of the Act.
97625. Ante-dated to 17th July 1963 under Section 5 of the Act.
97945. Ante-dated to 31st August 1963 under Section 5 of the Act.
98483. Ante-dated to 8th July 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

87945. P. S. Choksi, K. K. Adani and I. Gandhi. Improvements in or relating to a process for the manufacture of squeeze tubes made of thermoplastic material. [Divisional date 31st August 1963]. Accepted on 5th April 1965.

Comprises extruding a tube, forming top pieces, positioning said top piece and the tubular piece in a heat or ultrasonic sealing apparatus to join the two pieces together.

88707. Socony Mobil Oil Company, Inc. Method of preparing acidic catalytic material for hydrocarbon conversion. Accepted on 1st April 1965.

Treating alumino-silicate with fluid-containing ions of positive valence and diluting activity by steam treatment of them.

88777. A. D. Chitaley. Vortex primed syphon tank. Accepted on 5th April 1965.

Comprising a casing having means to supply water, a vertical main conduit having its upper end above the normal level of the water in the casing and the lower and leading to an outlet, an inverted syphon cap surrounding the said upper end, a valve controlled starting pipe having one end secured to an orifice in the main conduit and the other end open to the water in the container and means for actuating the valve and means for preventing air inflow into the main conduit from its lower end.

88797. Tecalemit (Engineering) Limited. Improvements in flexible tubing and method of making the same. Accepted on 5th April 1965.

Flexible tubing comprises an inner tube which is formed of synthetic plastic material, at least one intermediate layer which is formed of synthetic fibers or filaments and an outer sheath which is formed of synthetic plastic material.

88810. Lal Behari Roy. Improvements in or relating to bath tubs. Accepted on 8th April 1965.

Comprises an outer shell, a bath tub inside the outer-shell and a superimposed top having the shape of a bath tub minus the bottom resting on the edges of the outer shell and over the bath tub.

88818. Alloys Research & Manufacturing Corporation. Improvements in or relating to porous metallic bodies and fabrication methods and apparatus therefor. Accepted on 8th April 1965.

Comprises mixing two different metallic powders heating until low melting constituent forms to provide fluxing action and continuing to heat until liquid phase returns to a solid phase and heating further till sintering takes place.

88829. H. Holloway. Detergent composition and process for making same. Accepted on 8th April 1965.

Comprising by total weight of the bar from about 12% to about 30% of detergent surfactant from the group consisting of alkali and alkaline earth metal and from about 46% to about 88% by weight inorganic material from alkali and alkaline earth metal carbonates.

88841. Rohm & Haas Company. Resinous compositions plasticized with oligoesters. Accepted on 8th April 1965.

Esterifying (a) aliphatic monohydric alcohol, aromatic dibasic acid, aliphatic dibasic acid and one glycol.

88953. The B. F. Goodrich Company. A mixture of vinyl chloride containing polymer and linear thermoplastic polyurethane polymer. (5th December 1962). Accepted on 6th April 1965.

Comprising vinyl chloride containing polymer and polyesterurethane.

88956. Pfaudler Permutit Inc. Improvements in semi-crystalline glass and method of applying the same to metallic bases. Accepted on 15th April 1965.

Producing a frit of a crystallizable glass-powdering the frit, applying it to the article, heating the powder coated article to fuse the powder and maintaining the article at crystallizing temperature for causing continuous coating to partially crystallize.

88991. Dr. Ing. F. Hermann. Air-cooled condenser. Accepted on 7th April 1965.

Characterised in that the heat exchangers are composed of block shaped heat exchanger units.

89088. Ashland Oil & Refining Company. Preparation of carbon black. [Addition to No. 72176]. Accepted on 13th April 1965.

Comprises maintaining constant the reaction conditions, injecting the feed stock into the first zone in the form of a conical spray whose angle is preselected on the basis of pre-established relationship of spray angle to structure of carbon black.

89201. Vapor Corporation. Burner for a boiler. Accepted on 12th April 1965.

Comprises a fire pot having a cylindrical body defining a combustion chamber, a dome-shaped end wall and a choke at two ends of the body, circumferentially spaced combustion throats with burner nozzles.

89643. Oronzio de Nora Impianti Elettrochimici. Improvements in electrolytic inclined planes mercury cells for the electrolysis of alkali metal halide brine. Accepted on 12th April 1965.

Operation at an inclination of 2° - 85° , and provided with means for discharging amalgam, which will absorb the kinetic energy of the mercury flowing down the greater incline of the cell without splashing and entrainment of impurities.

89684. P. S. Choksi, K. K. Adani and I. Gandhi. Improvements in or relating to a process for the manufacture of squeeze tubes made of thermoplastic material. Accepted on 5th April 1965.

Comprises extruding a tube, cutting into tubular pieces positioning tubular pieces in moulds in an injection moulding machine from which latter same plastic material is injected to form a top piece of one end of the tubular piece.

89886. Telefonaktiebolaget L. M. Ericsson. Jack strip for telephone switch boards. Accepted on 16th March 1965.

Comprising a supporting frame with jack holes and a rear bar parallel thereto, inserted in arranged grooves having depth at the end portion equal to the width of spring.

90113. Council of Scientific and Industrial Research. Improvements in or relating to a process for the metallisation of non-conductors. Accepted on 3rd April 1965.

Comprises preparing a dispersion of a metallic rosinate in an organic solvent, applying the said dispersion on a non-conducting surface heating at about 200 - 450°C for about 2 to 10 minutes.

90121. J. R. Geigy A. G. Nematicidal compositions. Accepted on 3rd April 1965.

Comprising oxadiazole or a thiadiazole and a carrier.

90127. American Flange & Manufacturing Co. Inc. Container closures. Accepted on 3rd April 1965.

Having a closure with a skirt, a cap seal overlying the closure and having its skirt overlying the skirt of closure the skirt of closure having a gripping ear and the skirt of cap seal having a tearing ear.

90142. Indian Oxygen Limited. Improvements in or relating to a process for the production of

hard metal and hard metal deposits and articles coated with such hard metal. (8th October 1962). Accepted on 5th April 1965.

Heating powdered tungsten in elemental form rapidly through high temperature zone under non-oxidizing conditions together with carbonaceous material.

90183. Becorit Grubenausbau GmbH. Method of fastening wire ropes to solid bodies preferably consisting of metal. (19th August 1963). Accepted on 8th April 1965.

Wherein the connector body has a hole of cross-section increasing from the end at which the rope enters and wherein the separated fibres of the rope end within the hole are embedded in a mass of synthetic resin and hardener.

90187. American Brake Shoe Company. Anti-friction bearings. Accepted on 8th April 1965.

Balls having a greater radial clearance and a smaller axial clearances in this race ways than the rollers.

90189. Siemens & Halske Aktiengesellschaft. Improvements in or relating to variable frequency transistor oscillators. (16th September 1963). Accepted on 8th April 1965.

Wherein primary resonant circuit means including an element or circuit having a capacity which is variable according to modulating signal to vary the resonant frequency of the primary circuit, and secondary series resonant circuit means connected to the primary circuit, are provided.

90201. Dr. Beck & Co. G.m.b.H. Improvements in or relating to ester imide resins. [Addition to No. 84746]. Accepted on 8th April 1965.

Resins formed according to specification No. 85746 is modified by introduction of aliphatic residues derived from monocarboxylic acids having 6-24 carbon atoms.

90219. The Dow Chemical Company. Method and apparatus for producing foamed sheet material and product therefrom. Accepted on 9th April 1965.

Extruding a fused polymer containing a raising agent in the form of a seamless tube and immediately increasing the diameter of the tube between 10 and 30 times.

90222. Harsco Corporation. Apparatus for the recovery of metal scrap from ferrous slags. Accepted on 8th April 1965.

Comprises magnetic separator and means to clean and classify metal pieces, means to crush pieces, secondary separator to gleaned metal from crushed burden and screw means to remove dust.

90223. The Goodyear Tire & Rubber Company. Pneumatic tire and wheel assembly and method of treating the rim thereof. Accepted on 7th April 1965.

Applying to the rim a liquid or liquifiable reaction mixture comprising a reactive hydrogen containing polymeric material, a polyisocyanate, and a curing agent reacting the ingredients of the mixture to cure the same.

90232. Pilkington Brothers Limited. Improvements in or relating to methods and apparatus for manufacturing flat glass. (11th October 1962). Accepted on 12th April 1965.

A head space being confined by a tunnel over the molten metal and end walls to the tunnel, sealing the channel for the passage of the glass relative to an end wall.

90239. M. A. Chaudary. Improvement in and relating to a harvesting bag fixed to a frame for facility of carrying. Accepted on 8th April 1965.

Having a light weight rectangular vertical frame provided with fixed or hingeably secured transverse rectangular extension to which a bag being tied and the lower end of frame being provided with a transverse rectangular extension to support the filled bag.

90240. M. A. Chaudary. A combined farm tool for cutting, weeding and axing. Accepted on 8th April 1965.

Having an arc shaped portion with its inner concave edge to serve as a sickle, a part near the tip of the convex edge of the said arc to serve for weeding and a thickened part at its back near the middle of the arc to serve as an axe.

90244. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New Derivatives of tetrafluorocyclobutane, process for their manufacture and compositions containing the same. Accepted on 12th April 1965.

Reacting halogen-substituted cyclopentadienes with vinyl tetrafluorocyclobutane.

90253. The English Electric Company Limited. Improvements in or relating to hydraulic pumps and reversible pump turbines. (15th October 1962). Accepted on 12th April 1965.

Including a housing having a pipe for directing an emulsion of gas and water into the impeller of the pump during priming or of the turbine in operation as a pump.

90254. The English Electric Company Limited. Improvements in or relating to hydraulic pumps and reversible pump turbines. (15th October 1962). Accepted on 12th April 1965.

Having valve means for isolating the impeller of the pump or turbine from the suction tube during priming of the pump or of the turbine in operation as a pump.

90261. Mitsui Petrochemical Industries Ltd. A process for the manufacture of highly pure phenol. Accepted on 12th April 1965.

Product obtained by the oxidation and decomposition of cumene is fed to a distillation column and phenol free from impurity is taken from the bottom of column, distillation being carried out by a method in which said feed contains at least 0.28 parts by weight of cumene per part by weight of phenol and temperature being more than 110°C at atmospheric pressure.

90262. Ernst Jacobi & Co. K. G. A travelling pneumatic cleaning apparatus for spinning frames. Accepted on 8th April 1965.

Characterised by the provision of a filter box including a filter sieve disposed between suction tube and suction side of fan.

90273. Sam Roch & Co. Flame proof electric lamp and particularly bulkhead fittings thereof. Accepted on 15th April 1965.

Comprises a bowl shaped hollow cast iron composite body having two detachable parts and means for mounting the lamp, wherein means are provided for three connections simultaneously from three different points through a set of three holes in its terminal chamber.

90280. J. Aubert and Societe Generale De Traction & D'Exploitations. Improvements in navigational installations. Accepted on 12th April 1965.

Including a lock-gate for closing off one end of a stretch of water-way and pump means for drawing water from one side of the lock-gate and the discharging it on the other side.

90285. The International Meehanite Metal Company Limited. Improvements relating to the manufacture of high strength flake cast iron and nodular cast iron. Accepted on 15th April 1965.

Methane or coal gas or mixture of these two is injected into molten cast-iron.

90289. The North American Coal Corporation. Process and apparatus for the treatment of solids at high temperatures by passing inert solid

heated particles countercurrently to a particulate solid reactant. Accepted on 12th April 1965.

In the chemical reactions with a particulate solid reactant requiring use of a controlled atmosphere and the application of substantial quantities of heat at elevated temperatures, the improvements are characterized by providing said controlled atmosphere in the form of an upwardly moving gas stream.

90293. Aktiebolaget Kamyr. Arrangement for equalization and reduction of the pressure upon a stuffing box for a pump. Accepted on 15th April 1965.

Wherein groove is provided in wall of casing around shaft which groove on high pressure side, is covered by end face of the rotor and on low pressure side widened to extend beyond end face.

90296. The English Electric Company Limited. Improvements relating to electric vehicles. (25th October 1962). Accepted on 15th April 1965.

Includes relay means effective for disconnecting the traction motor means from the external supply line if the voltage falls rapidly to below a predetermined value, said relay means being responsive to the flow of a reverse current in the armature circuit of the motor of a motor-generator set used for supplying L. T. circuits of the vehicle.

90297. D. A. Jordon and L. J. Hartnett. Improved decorative panel. (17th October 1962). Accepted on 8th April 1965.

A plurality of cane, bamboo or ratten stalks in longitudinal and side by side position being fixed on a backing material with adhesive or resin material.

90321. Eszakmagyarországi Vegyiművek. Method of producing explosives containing ammonium nitrate. Accepted on 15th April 1965.

Consists of gelatinizing the fine-grained ammonium nitrate and sodium nitrate, potassium nitrate or aluminium powder, with a volatile solvent and a double-base powder consisting of (a) one or more nitrated carbohydrates and (b) one or more nitric acid esters of polyhydric alcohols and evaporating the volatile solvent.

90329. Crown Zellerbach Corporation. High strength paper and process of producing the same. Accepted on 5th April 1965.

High consistency defibred pulp is mechanically treated by passing it between two opposed roughened surfaces in relative motion, and then mixed with water to make a papermaking pulp slurry which is formed into a moist paper web which is subsequently dried.

90330. Crown Zellerbach Corporation. High strength papermaking pulp and process of producing the same. Accepted on 5th April 1965.

Subjecting defibred pulp to a mechanical treatment under compression in a space formed by two opposed, roughened surfaces being in motion relative to each other.

90339. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to time-base circuit arrangements and television receiver including such circuit arrangement. (28th December 1962). Accepted on 7th April 1965.

Having a transistor as a first switching element and a controlled rectifier as the second switching element, the drive means delivering a signal to turn off the then turn on the transistor, and a signal to turn on the controlled rectifier when the transistor is turned off.

90341. Sir James Farmer Norton & Co. Limited. Improvements in or relating to wire drawing machines. (18th October 1962). Accepted on 12th April 1965.

Comprises an arm supporting a control pulley movable to take up slack or to tension the wire and the movement of the pulley being coupled to a regulator controlling drawing block driving motor speed.

90348. Durkoppwerke Aktiengesellschaft. Roller bearings placed in a single row for mounting in pairs. Accepted on 3rd April 1965.

The slide ring of the comb cage lies flush with the outer and/or inner ring and a holding ring held in one of the race rings but not contacting the comb cage in the mounted state of the bearing.

90405. Farbenfabriken Bayer Aktiengesellschaft. Stabilised self-emulsifying solutions of alkyl polysiloxanes containing hydrogen linked with silicon. (25th July 1963). Accepted on 8th April 1965.

Additionally adding h or 10-5% by weight to saturation of primary mono-basic amino carboxylic acid or of hexamethylene tetramine.

90434. Owens-Corning Fiberglas Corporation. Method and apparatus for processing high temperature fusing mineral materials. Accepted on 7th April 1965.

Including the steps of distributing batch mineral material at a controlled rate throughout the area of an open top chamber, applying heat to the material in an upper region of the chamber to reduce the material to a flowable state, flowing streams of the flowable material from a zone below the chamber to effect transitory movement of the material away from the heat applying region and reducing the temperature of the material during its transitory movement in the chamber.

90442. Combustion Engineering, Inc. Flame detector. Accepted on 7th April 1965.

An electric circuit comprising a glow discharge sensing tube generating pulse signals incident to avalanche occurring in the tube and means responsive to the pulse signals to provide a driving signal.

90443. Racine Hydraulics & Machinery, Inc. Self-contained portable compacting device. Accepted on 6th April 1965.

Comprising a drive motor supported on a frame, a casing extending from the frame, a carrier tube for a compacting shoe slidably fit within the casing, a piston within the tube and spring means connecting the piston with the tube.

90471. Westinghouse Electric Corporation. Improvements in or relating to semiconductor switch device. Accepted on 7th April 1965.

Comprising first and second four-layer semiconductor switching elements arranged for A. C. switching operation.

90495. Westinghouse Electric Corporation. Improvements in or relating to skitching apparatus. Accepted on 8th April 1965.

Relating to line starters having in series in the power circuit a disconnecting isolating switch, a fuse and the main or power contacts of a contactor.

90500. Ciba Limited. Vat dyestuffs of the anthraquinone series, process for their manufacture, and process for dyeing cellulose textile material therewith. Accepted on 12th April 1965.

2 : 5-di-(1' : 4'-diamino-2'-anthraquinonyl)-1 : 3 : 4-oxidiazole is treated with acylating agent.

90502. Standard Telephones and Cables Limited. A telecommunication system which includes

at least one exchange and in which the sub-stations served include mobile stations. Accepted on 8th April 1965.

Including automatic exchange stations and stationary and mobile subsets between which connections are established in both directions, and particularly concerned with the transmission of digital information from mobile telephone subsets to an exchange.

90560. Vereinigte Glanzstoff-Fabriken A. G. Apparatus for the polycondensation of polyamide-forming compounds. (6th September 1963). Accepted on 8th April 1965.

Consists of a vertically disposed reaction vessel capable of being heated to different temperatures at different levels, supply devices for inert gases in the lower part of the reaction vessel, discharge devices for the gas-stream mixture in the upper part of the reaction vessel, a bell arranged in the reaction vessel to open downwardly and the rim being at a distance of at least 1.5 m beneath the intended level of the melt.

90562. Donaldson Company, Inc. Automatic-unloading dust valve for centrifugal air cleaners. (23rd August 1963). Accepted on 13th April 1965.

The valve is molded from a rubber-like material to define a depending discharge throat which terminates at its lower end in closely spaced lips which define a normally open lenticular discharge mount, whereby dust collected within and above said valve may be automatically entirely discharged therefrom under the action of gravity during periods when the attached air cleaner is not in operation.

90644. Westinghouse Electric Corporation. Improvements in or relating to electron emissive thermionic cathodes and electron discharge devices comprising them. Accepted on 7th April 1965.

Comprising inner and outer tubular members with heating means between them, closing means at one end and a shield means at the other end extending transverse to the axis of tubular members and connected to one end of one tubular member and spaced with respect to the other tubular members.

90645. Westinghouse Electric Corporation. Improvements in or relating to electron discharge device. Accepted on 7th April 1965.

Comprising an envelope, a plurality of electrodes, and an insulating disc member, the electrodes having one end thereof secured to the disc member and having its other end unsupported.

90669. International Rectifier Corporation. A firing system for a plurality of series connected controlled rectifiers. Accepted on 8th April 1965.

Having each of the series connected controlled rectifiers presented with a parallel connected resistor and capacitor in their anode-cathode circuit, and a pulse generating circuit connected to gate and cathode circuit of each of the controlled rectifiers.

90674. Council of Scientific and Industrial Research. A process for the production of activated carbon suitable for phosgene manufacture or for decolourisation. Accepted on 13th April 1965.

Subjecting an activated charred coconut shells to activation with dry chlorine.

90707. British Nylon Spinners Limited. Improvements in or relating to the extrusion of synthetic high molecular weight polymers. (22nd November 1962). Accepted on 7th April 1965.

Molten polymer prior to extrusion is pumped through a filtering medium comprising spherical glass balls.

90716. Tamares Limited. Improved propellant container and material therefor. (8th November 1962). Accepted on 7th April 1965.

Comprises a fabric base impregnated with a plastic substance chosen from nitrocellulose or nitroglycerine or mixture of these two components with or without stabilizing or moderating agent.

90735. R. Ruffer. Variable ratio transmission gear systems. Accepted on 8th April 1965.

Comprising a first driving lever arranged for rotation with a first shaft at a velocity representative of a quantity in said system which requires to be corrected, a second, driven lever mounted for rotation with a second shaft and arranged to be entrained for rotational movement by said driving lever, and a clutch arranged to transmit the rotation of said driven lever and shaft only when the driven lever is being entrained.

90760. Ciba Limited. Process for preparing new thiophosphoric acid esters and pesticidal compositions containing them. Accepted on 15th April 1965.

Process for the preparation of fluid phosphoric acid esters comprises reacting alkali metal salt of dialkyl dithiophosphosphoric acid with an N-chloroethyl carbamate in thio carbamate in the presence of an inert organic solvent.

90832. Brinch & Spehr Aktieselskab. A closure cap. Accepted on 7th April 1965.

Characterised in that the ring, at its smaller diameter, has a sharp edge or teeth, the ring being rounded off at the lower end at inner side.

90869. Imperial Chemical Industries Limited. Improvements in and relating to granular compositions. (28th November 1962). Accepted on 3rd April 1965.

Forming a melt of ammonium nitrate and spraying this melt into a zone to which is fed and maintained a bed of discrete particles of ammonium nitrate and air is fed through the zone.

90950. Standard Telephones and Cables Limited. Amplitude modulation system. Accepted on 8th April 1965.

Having means coupling means for generating symmetrical square wave carrier signal pulses, to the circuit means providing a current flow responsive to the amplitude of input signal, for interrupting the current flow.

91013. Ethicon, Inc. Cabinet assembly unit. Accepted on 9th April 1965.

Comprising a horizontal wall, a plurality of vertical wall sections integral with the horizontal wall and defining a plurality of drawer spaces between them, and horizontal flanges located along the edges of the extremities of the outer most of said vertical wall sections.

91163. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to devices for disposing a round object on a stop in a sleeve and for securing it therein. Accepted on 6th April 1965.

Comprises a conveyor track and a closing apparatus wherein the portion of the track after the closing apparatus is formed at least partly by a vibrating track for the object dropped in the sleeve to be centered therein and has means for securing the said object in its position.

91164. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to optical masers. Accepted on 8th April 1965.

Characterized in that the source of radiation consists of a forcedly cooled tubular super-high pressure mercury vapour dis-

charge lamp having an electrode spacing of at least five times the inner diameter of the tube which contains in addition to mercury and a rare gas, thallium and a halogen and which satisfies certain conditions.

91203. First Electric Corporation of South Africa Limited. Improvements in synchronous induction motors. Accepted on 6th April 1965.

Includes means for short-circuiting the sliprings in running condition, and for lifting the brushes and connecting semi-conductor rectifiers into the rotor circuit in said running condition.

91225. Zimba Etablissement Fur Patentverwertung. Apparatus for killing insects which are able to fly. Accepted on 6th April 1965.

Includes at least a pair of electrodes close to a luring means and at least a capacitor connected in parallel to the pair of electrodes, wherein the capacitor is fed with high voltage and the charging current of the capacitor is limited to a value safe for human contact.

91268. Universal Oil Products Company. Process for preparing olefinic hydrocarbons. Accepted on 29th March 1965.

The preparation of an olefinic hydrocarbon comprises reacting bromine with more saturated hydrocarbon and forming a bromine derivative thereof, dehydrobrominating said bromine derivative in contact with a solid sorbent and thereby forming a bromine solid sorbent combination product and an olefinic hydrocarbon, recovering the latter and releasing bromine from the bromine solid sorbent combination product.

91320. AMP Incorporated. Magnetic core data storage device. Accepted on 7th April 1965.

Comprising a magnetic storage core with a major and a minor apertures, a read-out drive winding and a read-out load winding to energise a load.

91391. Dr. S. M. Atlas. Butadiene-isoprene copolymers and a process for their preparation. Accepted on 8th April 1965.

Copolymerizing a butadieneisoprene mixture at a temperature range of 20°C to 100°C in the presence of an organometallic catalyst which is an interaction product of a halide, or an ester, or a volatile organic compound of titanium cobalt or chromium with an alkyl, aryl, alkoxy or alkoxy compound of lithium, sodium or potassium.

91510. AMP Incorporated. Improvements in co-axial electrical connectors. Accepted on 8th April 1965.

Comprises a conductive shell including a tubular part and a shell part, an aperture between the shell part and the tubular part, two legs and an insert of insulating material disposed within the tubular part, said insert having a bore carrying a conductive pin.

91522. R. B. S. Rubber Mills Private Limited. Improvements in or relating to brake rubber blocks for bicycle brakes. Accepted on 8th April 1965.

Block having its top end and its bottom end of two dovetail wedge shaped portion of different dimensions and designs.

91610. E. G. O. Elektro-Gerate Blanc Und Fischer. Arrangement for leading out the connection ends of tubular heating elements through container walls, more particularly in washing machines. Accepted on 8th April 1965.

The heating tube ends and screw bolts fixed to a metal plate are projecting from the container interior through bores in the container wall and in a counter plate which is tightened against the outside of the container wall by means of nuts.

91611. E. G. O. Elektro-Gerate Blanc Und Fischer. Fixing device for tubular heating elements to be built into containers. Accepted on 8th April 1965.

The holding flange has a deep drawn central portion for centering it in the opening of the container wall.

91612. E. G. O. Elektro-Gerate Blanc Und Fischer. Fixing device for a tubular heating element, bent hairpin fashion and inserted from the outside through a slot-shaped opening in a container wall. Accepted on 8th April 1965.

Counter-holder is an annular element adapted to the slot-shaped opening of the container wall and carries on both sides of the narrow sides of the slot-shaped opening of the container wall, screw bolts which pass through the container wall through holes in a sealing ring situated on the outside of the container wall.

91613. K. Fischer. Electrical tubular heating element. Accepted on 8th April 1965.

The fixing flange for each heating tube end is connected to a tubular sleeve which is pushed with a fit over the shell tube of the heating tube end and is pressed with the latter in the vicinity of its free end.

91690. Standard Telephones and Cables Limited. Co-axial electric cables. (1st March 1963). Accepted on 15th April 1965.

Includes an inner conductor and an outer conductor and an electrical insulating materials supporting the inner conductor and bonded to the outer conductor.

91800. Ciba Limited. Process for reducing dyestuffs and compositions therefor. Accepted on 8th April 1965.

Reducing dyestuff with a preparation consisting of a water-soluble boron hydride and an aldehyde sulphonylate.

91940. Union Carbide Corporation. Polyurethane foam compositions. Accepted on 7th April 1965.

Comprises a polyol having reactive hydrogen atoms and 1-70% by weight of a vinyl polymer.

96853. J. R. Geigy A. G. Processes for the production of new nematocidally active oxadiazoles and thiadiazoles and the oxadiazoles and thiadiazoles so produced. [Divisional date 3rd October 1963]. Accepted on 3rd April 1965.

Heating a dithiocarbazine ester with chloroacetyl chloride in organic solvent.

97114. Rohm & Haas Company. Preparation of oligoesters. [Divisional date 9th July 1963]. Accepted on 8th April 1965.

Esterifying a mixture of one saturated aliphatic monohydric alcohol, aromatic dibasic acid, aliphatic dibasic acid and one glycol.

97625. Pfaudler Permutit Inc. Improvements in crystallizable glass and method of making the same. [Divisional date 17th July 1963]. Accepted on 15th April 1965.

Characterised by the steps of making a crystallizable glass, reducing it to powder, heating it to coalesce and maintaining it at a crystallizing temperature.

98483. H. Holloway. Process of neutralizing acid form of detergent material. [Divisional date 8th July 1963]. Accepted on 8th April 1965.

** Comprising bringing the acid form into contact with a solid particulate alkaline material to form neutralized anionic detergent surfactant and a by-product selected from the group consisting of water, a gas and effecting the homogeneity of the mixture by mechanically working.*

Patents Sealed

83793.	85003.	85004.	85447.	85501.	85678.	85718.
85748.	85919.	85989.	86022.	86023.	86208.	86488.
86492.	86534.	86603.	86755.	86782.	86793.	86864.
86891.	86899.	86903.	86928.	86943.	86984.	87007.
87073.	87076.	87099.	87112.	87223.	87231.	87248.
87281.	87297.	87308.	87396.	87444.	87579.	87608.
87644.	87684.	87715.	87729.	87731.	87738.	87753.
87799.	88079.	88095.	88252.	88329.	88554.	88555.
88579.	88648.	88685.	88875.	88972.	88983.	89131.
89165.	89190.	89211.	89214.	89267.	89316.	89386.
89590.	89913.	89931.	90079.	90096.	90166.	90388.
90389.	91508.		93898.			

Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Imperial Chemical Industries Limited, of Imperial Chemical House, Millbank, London, S.W. 1, England, Manufacturers, a British company, seek leave to amend the description in the specification and figures of the drawings in the drawings in respect of Patent application No. 79084. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Metasalts Corporation, a corporation organised under the laws of the State of Delaware, United States of America, of 200 Wagaraw Road, Howthorne, New Jersey, United States of America, seek leave to amend the description and figures of the drawings in the specification and drawings in respect of Patent application No. 85952. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Sandoz Ltd., of Lichtstrasse 35, Basle, Switzerland, a Swiss Body Corporate, seek leave to amend the description in the specification of application for Patent No. 87916. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

43054.	44792.	44940.	45041.	45174.	45196.	45230.
45263.	47224.	47332.	47479.	47497.	47650.	47724.
49478.	49504.	49539.	49604.	49651.	49823.	49900.
51634.	51687.	51724.	51901.	52031.	52032.	52079.
52137.	52156.	52171.	52618.	54211.	54260.	54263.
54407.	54451.	54613.	54648.	54649.	54656.	54740.
54870.	57053.	57115.	57122.	57319.	57325.	57326.
57336.	57337.	57369.	57392.	57399.	57404.	57447.
57490.	57502.	57585.	57645.	57686.	60180.	60210.
60292.	60329.	60440.	60502.	60504.	60621.	60656.
60687.	60702.	60716.	60729.	60736.	60737.	60887.
61230.	61460.	61568.	63727.	63758.	63801.	63819.
63856.	63872.	63868.	63901.	63974.	64016.	64024.

64032. 64071. 64098. 64099. 64104. 64105. 64148.
 64164. 64165. 64166. 64167. 64206. 65529. 66707.
 66949. 67149. 67286. 67334. 67492. 67493. 67539.
 67570. 67576. 67612. 67632. 67645. 67704. 67721.
 67722. 67723. 67726. 67768. 67820. 67826. 67903.
 68001. 68004. 68060. 68154. 68769. 68770. 68893.
 69087. 69222. 69502. 70996. 71076. 71266. 71307.
 71308. 71317. 71373. 71413. 71417. 71426. 71467.
 71537. 71538. 71591. 71608. 71612. 71626. 71640.
 71641. 71642. 71661. 71677. 71678. 71679. 71683.
 71713. 71720. 71750. 71751. 71752. 71763. 71767.
 71792. 71860. 71869. 71903. 71909. 71940. 71941.
 71942. 71964. 71971. 71972. 71973. 72061. 72093.
 72111. 72269. 72271. 72336. 72364. 72389. 72607.
 72630. 72659. 72681. 72698. 72751. 72824. 72891.
 72984. 73102. 73191. 73723. 74618. 75578. 76203.
 76253. 76271. 76272. 76336. 76363. 76364. 76367.
 76385. 76435. 76443. 76453. 76454. 76460. 76468.
 76498. 76509. 76526. 76527. 76528. 76539. 76544.
 76612. 76620. 76621. 76622. 76623. 76695. 76696.
 76705. 76709. 76710. 76711. 76773. 76798. 76833.
 76859. 76888. 76890. 76897. 76903. 76904. 76907.
 76940. 76985. 77157. 77259. 77709. 77767. 78156.
 79643. 80645. 81661. 81785. 81946. 81993. 81994.
 82045. 82091. 82092. 82138. 82143. 82165. 82221.
 82247. 82300. 82301. 82379. 82380. 82409. 82410.
 82411. 82449. 82450. 82451. 82452. 82453. 82847.
 84336. 84337. 85192.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 3. No. 124328. Good-day Rubber Industries, Kanpur, (U.P.), an Indian Partnership Concern, "Soles for footwear", December 19, 1964.

Class 13. Nos. 124340, 124342 and 124344. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Maharashtra, Indian Company, "Textile goods", December 22, 1964.

Class 13. Nos. 124350 to 124352. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company Incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", December 26, 1964.

Class 13. Nos. 124497 to 124500. The Svadeshi Mills Co. Ltd., an Indian Company, Bombay, Bombay House, Bruce Street, Fort, Bombay, Maharashtra, "Textile goods", January 6, 1965.

Class 13. Nos. 124502 and 124503. The Standard Mills Company Limited, Mafatlal House, Backbay Reclamation, Bombay-1, Indian, "Textile goods", January 8, 1965.

Class 13. Nos. 124551 to 124554 and 124556. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "The textile goods", January 19, 1965.

Class 13. No. 124567. The Svadeshi Mills Co. Ltd., an Indian Company, Bombay, Bombay House, Bruce Street, Fort, Bombay (Maharashtra), "Textile goods", January 20, 1965.

Class 13. Nos. 124741, 124742, 124745 and 124747. The Sassoon Spg. & Wvg. Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 2, 1965.

Class 13. Nos. 124778 to 124783. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay 13, Maharashtra, Nationality—Indian Company, "Textile goods", February 8, 1965.

Class 13. No. 124789. Knitting Industries, (Indian Partnership Firm), Gopal Das Road, Amritsar (Punjab), "Textile goods", February 10, 1965.

Class 13. Nos. 124817 and 124818. The Phoenix Mills Limited, an Indian Company, Tulse Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", February 16, 1965.

Name of Index of Applicants for Patents for the month of March, 1965 (Nos. 98177—98779).

Name & Application No.

(A)

Abbott Laboratories—98560, 98656.
 Acf Industries, Incorporated—98772.
 Administrator Trust—98365.
 Aktiebolaget Bofors—98395.
 Aktiebolaget Bofors—98464, 98561, 98662.
 Akustische U. Kino-Gerate Gessellschaft m.b.H.—98402.
 Albiswerk Zurich Aktiengesellschaft—98565.
 Albright & Wilson (Mfg.) Ltd.—98754.
 Alfred Thun & Co. G.m.b.H.—98720.
 Algemene Kunstzijde Unie N. V.—98262.
 Allen & Hanburys Ltd.—98325.
 Allied Chemical Corporation—98663.
 American Flange & Manufacturing Co. Inc.—98368, 98708.
 American Potash & Chemical Corporation—98306, 98487.
 American Rubber & Chemical Company—98670
 Amicon Corp.—98223.
 Arcan Eastern Ltd.—98775.
 Armour and Co.—98277.
 Artists Chemical Laboratories—98763.
 Ashland Oil & Refining Co.—98252.
 Asshi Kasei Kogyo Kabushiki Kaisha—98385.
 Associated Electrical Industries Ltd.—98374.
 Atlas Copco Aktiebolag—98335.

(B)

Babcock & Wilcox Co., The—98717.
 Badische-Anilin- & Soda-Fabrik Aktiengesellschaft—98266, 98672.
 Bahlsen W.—98242.
 Bahnson Company, The.—98758.
 Bapat B. S.—98555.
 Barmer Maschinerfabrik Aktiengesellschaft—98748.
 Bassani S.p.A.—98609.
 Becorit Grubenausbau GmbH.—98458, 98459, 98687, 98688, 98689, 98690, 98691.
 Bendix Westinghouse Automotive Air Brake Co.—98224.
 Beteiligungs—Und Patent-verwaltungs-gesellschaft Mit Beschränkter Haftung—98471.
 Bharat Electric Supply Traders (Mfrs.)—98315.
 Bhide, P.G.—98702.
 Bhingarkar R. V.—98536, 98537.
 Bicchemie Gesellschaft Mit Beschränkter Haftung—98182.
 Birfield Engineering Limited—98718.
 Blackstone & Co. Ltd.—98238, 98239.
 Boehringer Ingelheim GmbH.—98459.
 Bolakowski, N. H.—98604.
 Boots Pure Drug Co. Ltd.—98452.
 Branschweigische Maschinenbauanstalt—98405.
 Bristol-Myers Company—98700.
 British Drug Houses Ltd., The—98554.
 British Nylon Spinners Ltd.—98281, 98282, 98660, 98709.
 British Petroleum Co. Ltd., The—98197, 98538, 98539, 98540.
 British Titan Products Co. Ltd.—98410.
 Brown, D. W. R.—98409.
 Brumlik G. C.—98468.
 Bullard Co. Ltd., The—98463.
 Burgess Products Co. Ltd.—98285.

Name & Application No.

(C)

Calmic Ltd.—98461.
 Calumet & Hecla, Inc.—98344.
 Canadian Ingersoll-Rand Co. Ltd.—98477.
 Cassin, P. C.—98676.
 Caterpillar Tractor Co.—98649.
 C. A. V. Limited—98661.
 Central Electricity Generating Board—98195.
 Centre De Recherches De Pont-A-Mousson—98510.
 Charak Industries—98643.
 Chas Pfizer & Co., Inc.—98253.
 Chaudhary, B. D.—98618.
 Chaudary, M. A.—98271.
 Chelminski R.—98300.
 Chemetron Corp.—98499, 98500.
 Chemie Grunenthal G.M.B.H.—98362.
 Choudhary, M. V. S.—98714.
 Ciba Limited—98191, 98192, 98193, 98194, 98205, 98267, 98289, 98308, 98309, 98310, 98311, 98312, 98321, 98322, 98323, 98349, 98350, 98351, 98381, 98441, 98442, 98484, 98485, 98496, 98497, 98503, 98608, 98636, 98681, 98685, 98686.
 Ciba of India Ltd.—98424, 98425, 98426, 98427, 98428, 98429.
 C. J. Industries—98288.
 Coley Bros. (Tools) Ltd.—98367.
 Combustion Engineering, Inc.—98339.
 Commins Engine Co. Inc.—98535.
 Comitetul De Stat Pentru Cultura Si Arta—98413.
 Council of Scientific and Industrial Research—98206, 98432, 98590, 98591.

(D)

Dalal, S. K. Miss—98613.
 Dalmine S. P. A.—98307.
 Dana Corp.—98247.
 Danly Machine Specialities Inc.—98606.
 Darjavno Industriialno Predpriatie "Ernst Thalmann"—98507.
 Davar, K. S.—98640.
 Dawn, A. K.—98614.
 Defibrator Aktiebolag—98372, 98760, 98761.
 Dehedkar, P. V.—98412.
 Deivayanai—98577.
 Demyon, T. R.—98329.
 Desai, R. D. Dr.—98613.
 Deutsche Gold-Und Silber-Scheideanstalt vormals Roesler—98218.
 De Wendel & Co., S. A.—98778.
 Dhand, D. K.—98358, 98440, 98520, 98573, 98703, 98704, 98762.
 Didier-Werke A. G.—98764, 98765, 98766, 98767.
 Distington Engineering Co. Ltd.—98294.
 Doittau Products Metallurgie—98512.
 Dorr-Oliver Incorporated—98392, 98596.
 Dow Chemical Company, The—98364, 98605.
 Dow Corning Corporation—98318.
 Dunlop Rubber Co. Ltd.—98598, 98658.
 Dunlop Semtex Limited—98657.
 Dutta, R.—98695.
 Dynamit Nobel Aktiengesellschaft—98655.

(E)

Easton Manufacturing Co.—98701.
 E. K. Cole Ltd.—98348.
 Eimes Corporation, The—98742.
 Eduard Kusters Maschinenfabrick—98749.
 Electrical Machine Industries Private Ltd.—98430.
 Elektrokemisk A/S.—98547.
 Eli Lilly & Co.—98342, 98417, 98651, 98652.
 Ellis Fluid Dynamics Corporation—98254.
 E. Merck Aktiengesellschaft—98438.
 E. Merck A. G.—98675.
 English Electric Co. Ltd., The—98186, 98295, 98326, 98366, 98533, 98595.

Name & Application No.

Esso Research and Engineering Company—98632.
 Estrela Batteries Limited—98639.
 Etablissements Merlin & Gerin Societe Anonyme—98324, 98498.

(F)

Farbenfabriken Bayer Aktiengesellschaft—98198, 98353.
 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning—98179, 98265, 98361, 98386, 98443, 98489, 98523, 98571, 98582, 98583, 98607, 98673, 98724, 98739.
 F. Hoffmann-La Roche & Co. Aktiengesellschaft—98347, 98451, 98525, 98600, 98610, 98715, 98716, 98744.
 Filleul, A. A.—98255.
 Firmenich & Cie—98243.
 Firth Cleveland Ltd.—98200.
 Fisons Fertilizers Ltd.—98543.
 FMC Corporation—98390, 98776.
 Fontguyon M. P. P. D.—98411.
 Fotochrome, Inc.—98745.
 Foundation For Medical Technology—98293.
 Fromont, M.—98376.
 Fromont, M. M. V.—98376.
 Furukawa Electric Co. Ltd., The—98518.
 Fyne Machinery and Engineering Limited—98634.

(G)

Gangadharasa D.—98207.
 Gassin, P. C.—98676.
 Gehin, J.—98779.
 Geigy J. R. A. G.—98340, 98408, 98455.
 General Electric Co.—98178, 98336, 98337, 98338, 98469, 98580, 98581.
 Ghanshamdas, A. G.—98654.
 Ghosh, T. K. Prof.—98695.
 Gnanamoni Samuelraj Pragasam—98420.
 Gokhale, G. R.—98515.
 Goodyear Tire & Rubber Co. The—98509, 98628, 98629.
 Gordon R. W. J.—98550.
 Greenwood, R.—98579.
 Gulf Research & Development Co.—98352.

(H)

Hagel C. H.—98549.
 Halcon International, Inc.—98222, 98457.
 Harborough Construction Co. Ltd.—98296.
 Hedges J. D. & Company Limited—98677.
 H. E. Jackson—98665.
 Henschel-Werke Aktiengesellschaft—98684.
 Hercules Powder Co.—98501.
 Hindustan Lever Ltd.—98360.
 Holloway, H.—98483.
 Holorib Limited—98666.
 Hooker Chemical Corporation—98220.
 Hotwork Ltd.—98448, 98449.
 High Smith (Clasgow) Ltd.—98378.

(I)

Imperial Chemical Industries Limited—98187, 98226, 98302, 98534, 98647, 98648, 98713.
 Indian Oxygen Ltd.—98530, 98531, 98756.
 Indicators Manufacturing Co.—98415, 98416.
 Industries C. J.—98288.
 Inpower Works (Proprietary) Ltd.—98251.
 Institut Francais Du Petrole Des Carburants Et Lubrifiants—98722, 98770.
 International Nickel Ltd.—98305.
 Invents A. G. Fur Forachung Und Patentverwertung—98357, 98641, 98680.
 I. R. C. Ltd.—98456.
 Isaac Jackson & Sons (Fasterers) Ltd.—98683.
 Isherwood P. A.—98227.
 Itek Corporation—98728, 98729, 98730, 98731, 98732, 98733, 98734.

Name & Application No.

(J)

Jackson, H. E.—98446, 98447.
 J. A. Crabtree & Co. Ltd.—98246.
 Jaggy & Co.—98727.
 Jain S. C.—98495.
 Jajir A. K.—98272.
 Japan Exlan Co. Ltd.—98204, 98450.
 J. D. Hedges & Co. Ltd.—98677.
 Jeffrey D. C.—98378.
 Jervis B. Webb Company—98256, 98275.
 John Bull Rubber Co. Ltd.—98388.
 Johnson & Johnson—98398, 98414.
 Joseph Lucas (Industries) Ltd.—98548, 98759.
 J. R. Geigy A. G.—98228, 98248, 98340, 98408, 98455,
 98592, 98624, 98625, 98645, 98646.

(K)

Kamerabau-Anstalt—98437.
 Kashyap, U. N.—98332, 98333, 98334.
 Kasser A.—98529.
 Kasser M. I.—98529.
 Keyser J. J.—98377.
 Khorama, M. L.—98679.
 Kolckner-Humboldt-Deutz Aktiengesellschaft—98301.
 Kuljian Corporation (India) Pvt. Ltd., The—98314.
 Kumar J.—98331.
 Kureha Kagaku Kogyo Kabushiki Kaisha—98467.

(L)

Ladoues, P.—98568.
 Lansing Bagnall Ltd.—98559, 98659, 98693.
 Leicester, Lovell & Co. Ltd.—98188.
 Lapetit S. P. A.—98486.
 Les Usines De Melle—98327.
 Leyland Motors Ltd.—98544.
 Lodge-Cottrell Ltd.—98225.
 Longley H. J.—98514.
 Lovely W. S.—98460.
 Lubrizol Corporation, The—98355.
 Luk Lamellen Und Kupplungsbau Gesellschaft mit beschränkter Haftung—98363.

(M)

Mahlo H. Dr.-Ing.—98444, 98491.
 M & T Chemicals Inc. 98344, 98694, 98777.
 Mangayarkarasi Swaminathan—98576.
 Marino, F. J.—98276.
 Massey-Ferguson Inc.—98664.
 Matsushita Electric Industrial Co. Ltd.—98553.
 May & Baker Ltd.—98273.
 Mead Johnson & Company—98650.
 Mechanical Excavators, Inc.—98570.
 Medawar, P.—98586.
 Mel A. G. D.—98431.
 Merchant, W. K.—98557.
 Merck & Co., Inc.—98317.
 Merck & Co., Inc.—98569, 98746.
 Metal Containers Ltd.—98249, 98250.
 Metal Flo Corporation—98630.
 Mifalei Yam Hamelah, B. M.—98619, 98620.
 Ministerul Industriei Petrolului Si Chimicii—98359,
 98736.
 Mirsky, A.—98375.
 Misra, K. N.—98177.
 Mistry, P. C. L.—98330.
 Mohan, C. R.—98211.
 Mohan, R.—98403.
 Molins Machine Company Limited—98635.
 Molins Organisation Ltd. The—98199.
 Molins Organisation Ltd. The—98494.
 Monsanto Co.—98240, 98241, 98671.
 Montague L Meyer Ltd.—98488.
 Montecatini Societa Generale Per L'Industria Mineraria
 E Chimica—98313, 98346.
 Mora, A.—98524.
 Morel, R.—98563.

Name & Application No.

Morinaga Nyugyo Kabushiki Kaisha—98541.
 Moulton Consultants Limited—98633.
 Munirathnam, T. C.—98454.
 Murthy, N. K.—98208.
 Muthachen, O.—98617.

(N)

Nauchno-Issledovatel'sky Institut Teplo-energeticheskogo Priborostroenia—98473, 98768.
 Neidl, G.—98470.
 North Western Gas Board—98593, 98594.
 N. V. Onderzoekingsinstituut Research—98260, 98261,
 98453.
 N. V. Organon—98406, 98723.
 N. V. Philips Gloeilampenfabrieken—98231, 98232,
 98233, 98234, 98235, 98236, 98237, 98290, 98382,
 98383, 98384, 98401, 98611, 98612, 98644, 98751,
 98752.

(O)

Olin Mathieson Chemical Corporation—98370, 98391.
 Oriental Hydro-Pneumatics Pvt. Ltd.—98258.
 Orissa Cement Ltd.—98726.
 Owens-Corning Fiberglas Corporation—98217.
 Owens-Illinois Glass Company—98721.

(P)

Panch Udyog Private Ltd.—98272.
 Pandiarajan, R. J.—98291.
 P & M Co. (England) Ltd. The—98319, 98320.
 Parameswaran, V. K.—98679.
 Pardasani, R. R.—98181.
 Parikh, A. R.—98613.
 Parke, Davis & Co.—98558.
 Patel, G. G.—98465.
 Penberthy, H. L.—98287.
 Perkins Engines Ltd.—98526.
 Perrotech Industries—98743.
 Peter Spence & Sons Ltd.—98508.
 Pfaff, G. M. Ag.—98433.
 Phansalkar, S. L.—98615.
 Philip Carey Manufacturing Co. Ltd.—98773.
 Phillips Petroleum Co.—98466, 98737, 98738.
 Phitec, Inc.—98303.
 Pilkington Brothers Ltd.—98421, 98566, 98601.
 Pillai G. P.—98517.
 Pinchin, Johnson & Associates Ltd.—98564.
 Pittsburgh Plate Glass Co.—98343.
 Plastics Kogyo Co., Ltd.—98567.
 Play Craft Traders—98316.
 Podmore and sons Limited—98602.
 Polymer Processing Research Institute Ltd.—98552.
 Pro-Phy-Lac-Tic Brush Co.—98213.

(R)

Raghavendran, K.—98616.
 Raju S. R.—98574.
 Ramaiah, N. A.—98519.
 Ramalingam, P. M.—98577.
 Ramesh Wamanrao Bannors—98419.
 Rao A. S.—98270.
 Rao A. V. D.—98572.
 Rao B. P.—98403.
 Rao C. I. S.—98575.
 Rao G. K. M.—98210.
 Rao K. V.—98403.
 Rao S. T.—98403.
 Rasmussen, O. B.—98757.
 Ratna, V.—98705.
 Reckitt & Colman (Overseas) Ltd.—98418.
 Registrar of Jadavpur University—98695.
 Renold Chains Ltd.—98603.
 Rexall Drug and Chemical Co.—98462, 98513.
 Reynolds Metals Co.—98201, 98202, 98203.
 Rhone-Poulenc S. A.—98546, 98706.
 Rohm & Haas Co.—98297, 98298, 98545.

Name & Application No.
(R)—*contd.*

Name & Application No.

Roosa, V. D.—98740.

Roussel-Uclaf—98476.

(S)

Sagar, P. V.—98269.

Salzgitter Industriebau Gesellschaft m.b.H.—98522.

Sanaullah, M.—98245.

Sandoz Ltd.—98268, 98283, 98354, 98380, 98490, 98492, 98771.

Sangani, M. M.—98653.

Sanitas Co. Ltd., The—98196.

Sapre, L. G.—98678.

Scherido Limited—98356, 98682.

Schering Aktiengesellschaft—98212, 98696.

Scholven-Chemie Aktiengesellschaft—98750.

Selectra Ltd.—98371.

Shell Internationale Research Maatschappij N. V.—98184, 98185, 98274, 98299, 98369, 98387, 98474, 98511, 98626, 98627, 98712.

Sherritt Gordon Mines Ltd.—98542.

Siemens & Halske Aktiengesellschaft—98216.

Siemens-Schuckertwerke Aktiengesellschaft—98215.

Silika-U. Schamottefabriken & pagenstecher Aktiengesellschaft—98407.

Singer Co. The—98475.

Societa Farmaceutici Italia—98725.

Socony Mobil Oil Co., Inc.—98259, 98504.

Sodhani, S. N.—98431.

Solar Thomson Engineering Co., Ltd.—98506.

Soletanche—98278.

Solo Kleinmotoren GMBH.—98551.

Solvoy & Cie—98753.

Somayajulu B. A. R.—98403.

Soni, G. S.—98516.

Sperry Rand Corporation—98190, 98229, 98230, 98328, 98245, 98532, 98599.

Spindelfabrik Sussen, Schurr, staplesker Grill G.m.b.H.—98697.

Spinnfaser Aktiengesellschaft—98674.

Stamcarbon N. V.—98221, 98341, 98479, 98710, 98711.

Standard Telephones and Cables Ltd.—98304, 98445, 98493.

Ste. Ame. Cockerill-Ougree—98597.

Stokland, S.—98263.

Subramoniam, J. P.—98404.

Sumitomochemical Co. Ltd.—98180.

Sumitomo Electric Industries, Ltd.—98578.

Sun Oil Co.—98439, 98585, 98621.

Svenska Diamantberg-borrnings Aktiebolaget—98399.

(T)

Tagawa, N.—98292.

Takeda Chemical Industries Ltd.—98719.

Tecalemit (Developments) Ltd.—98446, 98447.

Tecalemit (Hind) Ltd.—98665.

Tempered Spring Co. Ltd., The—98286.

Thakkar, K. P.—98642.

Toyo Koatsu Industries, Incorporated—98244.

Tuzan, H. L.—98568.

(U)

U. D. Engineering Co. Ltd.—98379.

Unilever Ltd.—98502.

Union Carbide Corporation—98189, 98396.

United Shoe Machinery Corporation—98692.

United States Rubber Co.—98279, 98280, 98373, 98527, 98528.

United States Steel Corporation—98478, 98631, 98755.

Universal Oil Products Co.—98183, 98480, 98481, 98482.

Upjohn Co., The—98747.

(V)

Veb Arzneimittelwerk Dresden—98219.

Veb Berliner Vergaser-Fabrik—98587, 98588, 98589.

Veb-Elektro-Apparate-Werke Berlin-Treptow—98584.

Veb Elektroschaltgerate Grimma—98637, 98638.

Veb Filmfabrik Wolfen—98264.

Veb Schwermaschinenbau "Heinrich Rau", Wildau—98622, 98623.

Veb Starkstrom-Anlagenbau Erfurt—98667, 98668.

Vianova Kunsthary A. G.—98707.

Vibart, G. M.—98257.

Vickers-Armstrongs (Engineers) Ltd.—98397.

Vijaylakhmi B. Mrs.—98400.

Viswanatham, K.—98669.

Vokes Ltd.—98389.

Vora, R. V.—98556.

Vora T. V.—98556.

Vsesouyny Nauchno-Issledovatsky Institut Novykh Stroitelnykh Materialov—98769.

Vsesojuzny-Nauchno-Issledovatsky i Proektno-Konstruktorsky Institut Metallurgicheskogo Mashinostroenia—98472.

(W)

Webcor, Inc.—98214.

Wellcome Foundation Ltd. The—98422, 98423, 98521.

Wellman Combing Co.—98505.

Wellworthy Ltd.—98562.

Western States Machine Co., The—98434, 98435, 98436.

West Heslett Gallogly—98393.

Westinghouse Electric Corporation—98698, 98699, 98735.

Westland Air craft Ltd.—98284.

Wilhelm Stahlecker G.m.b.H.—98209.

William Boulton Limited—98602.

William Kenyon & Sons Limited—98774.

(Z)

Zavod, "Gonselmash"—98741.

A. JOGARAO

Controller-General of Patents, Designs and Trade Marks